

ABSTRACT

A method for determining the reclose time of a circuit breaker on a three-phase high-voltage electric network after separation of contacts 7A, 8A, 7B, 8B, 7C, 8C in the presence of a fault on one of the three phases A, B or C includes measuring voltages UL_{A0} , UL_{B0} and UL_{C0} , measuring voltage US_{A0} , determining the voltage US_{A0} , US_{B0} , and US_{C0} , calculating the differences UL_{AB} , UL_{AC} and UL_{BC} , calculating the differences US_{AB} , US_{AC} , and US_{BC} . From these measurements and calculations, a determination of the reclose time is made on the basis of the voltage differences.